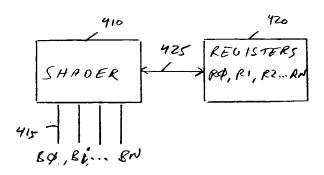


- PRIOR ART

FIGURE 3



,470

430 - MULT Rd, R1, RZ 440 - AOO R1, R4, R1 450 - END MORE BUFFERS = MORE STEPS PER PASS + FEWER PASSES

ACTIVE CIRCUIT

462 - REVISTERS

464 - REVISTERS

466 - SAMPLER

468 - REGISTERS

472 - REUISTERS

474 - REUISTERS

474 - REUISTERS

476 - SHADER

REVISTERS

SHADER

478 -

482-

READ RI
READ RI
READ RZ
MULIPLY RIFRZ
WRITE RI. RZ IND RP
READ RP
READ RI
ADD ROS RI
WRITE RF AND RI INTO RU
WRITE RF AND RI INTO RUPPERS

FIGURE 4

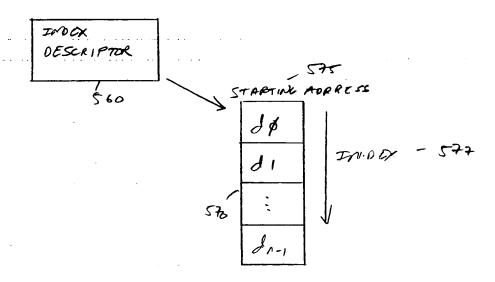
510 - MULT RP, RI, RZ 570 - PST RP, # ZL 570 - ADD RP, R3, RY 540 - PLD RI, # ZH

550 - PLO RP, #id INDIRECT (FIXED)

552 - PLO RP, @ RI FORMTIFICATION (MONABLE)

554 - PLO RP, # ALLIESS DIRECT REFERENCE

556 - PLO RP, PRI ADDRESS



Fyree 5

610 - IF (Z_< Z AND Z < ZH) SET ZH = Z 620 - IF (ZC=ZL) SET ZH=ZL, SET ZL . Z RI RZ commanos 652 - PLD RØ, # ZL RI, #ZH 654 - PLD ZH FALSE -656 - LT RZ, RB, Z 658 - LT R3, Z, R1 660 - AND R3, RZ, R3 Zi ZH FALSE FALSE 662 - PSTC #ZH, Z, R3 ZH FALSÉ FALSÉ 664 - PSTC +ZL, Z, ~ RZ Zu FALSÉ FALSÉ 665 - PSTC #ZH, RY, - RZ ZH ZH FACSE FACSÉ ZL

FIJURE 6

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